



P. Zimmerman  
H5/Prior  
Art

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hessel  
Serial Number : 058,766

Examiner:  
Art Unit:

Filed : June 5, 1987  
For : TUBULAR PROTECTIVE DEVICE FOR  
PROTECTION AGAINST TRANSFER OF  
INFECTIOUS MATTER DURING SEXUAL  
INTERCOURSE

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.56

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in this application

U.S. Patent Number 4,004,591 to Freimark discloses a birth control device. This birth control device is a female condom made of a strong rubber, plastic, or other similar material. This condom has a rigid, ring-like rim that is bent or scalloped. This rim can be a wire. The rim is not adapted to radially extend the open end of this device because this device is a hard molded

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material and not flexible. The cross-sectional dimensions of this condom are disclosed as being sufficiently large to easily accommodate average male width with some additional clearance space. The primary function of this device is to prevent unwanted pregnancy. This device is useful in preventing the spread of venereal disease. This device provides no means to prevent an exchange between partners of secreted fluids that may contain venereal disease. Additionally, this birth control device is intended for use by females, but includes no means to secure or maintain the device in the vagina.

U.S. Patent Number 4,630,602 to Strickman et al. discloses a disposable contraceptive cervical barrier. The cervical barrier of this invention is similar to standard diaphragms in size and design. This cervical barrier contains various "cavities for cells" that can hold spermicidal lubricants. These spermicidal lubricants can also be placed in numerous grooves within the body of the cervical barrier. Urethane polymers are used to make the device. The cervical barrier of this invention, unlike a condom, has no tubular side walls to prevent the exchange between partners of secretions that can contain a venereal disease.

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U.S. Patent Number 3,536,066 to Ludwig discloses a human birth control appliance. The appliance of this patent protects both partners from any dermic contact. This device is large and awkward to use.

U.S. Design Patent Number 254,808 to Meldahl discloses a design for a male contraceptive. This contraceptive appears to be larger in diameter than the average condom, but this contraceptive has no means at its open end to aid in the prevention of the spread of venereal disease.

This Information Disclosure Statement Under 37 C.F.R. 1.56 is not to be construed as a representation that a search has been made, that additional matter material to the examination of this application does not exist, or that any one or more of these citations constitute prior art under 35 U.S.C. 102.

Respectfully submitted,



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